



# National Weather Service Tampa Bay Area, Florida



9:00 AM January 22, 2017

## Severe Weather Potential

**Overview:** A strong cold front will move through the area today and tonight. A squall line will develop just ahead of this front, bringing widespread showers and thunderstorms to the region. Severe storms are likely with this line, and a few strong long track tornadoes will be possible as well.

### Timing:

- Nature Coast: Remainder of this morning through early evening.
- West-Central Florida: Early afternoon through this evening.
- Southwest Florida: Late afternoon through overnight tonight.

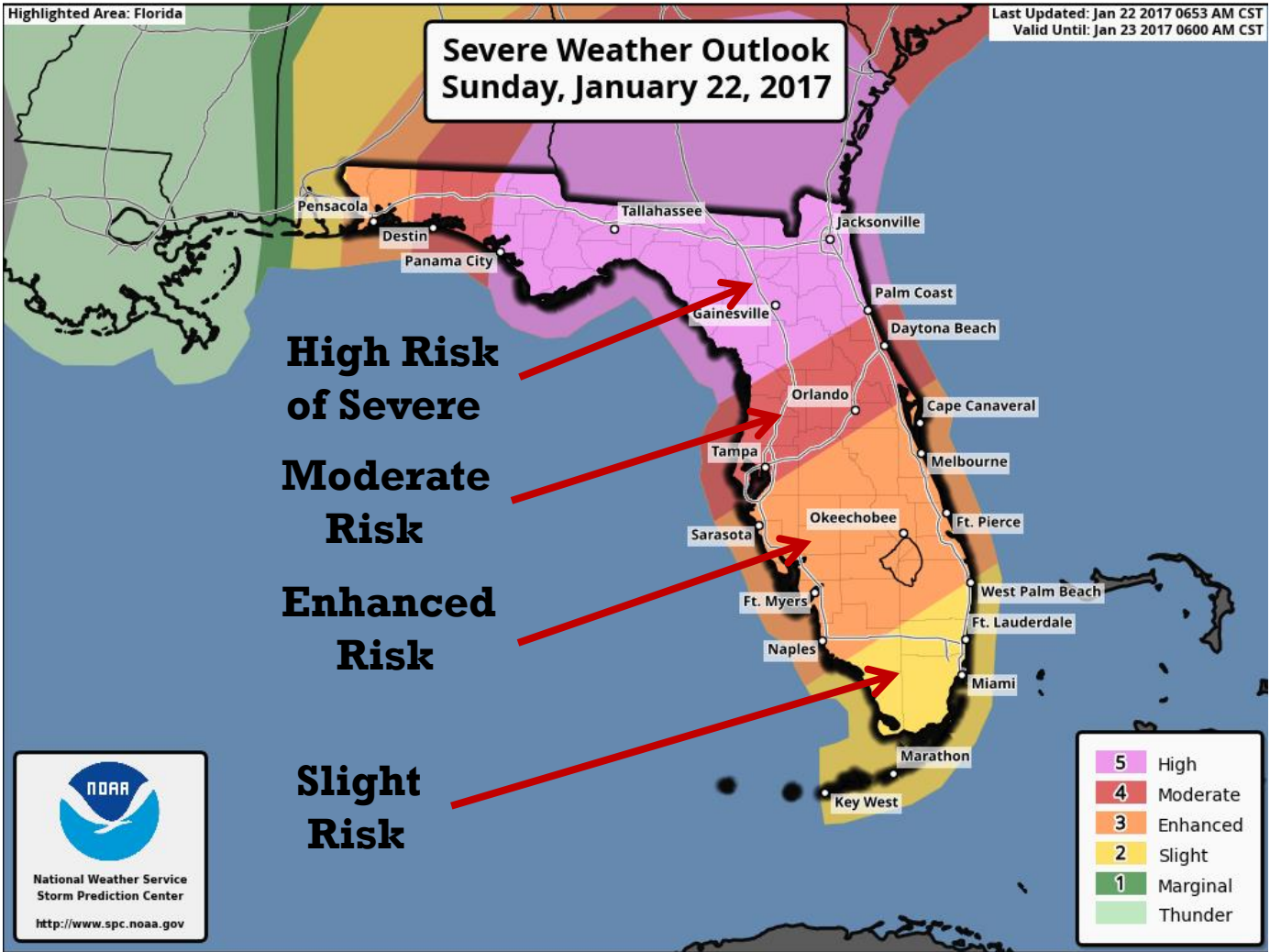
### Watch, Warnings, Advisories:

- A Small Craft Advisory for all of the Gulf waters in effect now, and will go in effect for Tampa Bay and Charlotte Harbor starting at 10 am. The Small Craft Advisory will be upgraded to a Gale Warning at 1 pm this afternoon.
- A Rip Current Statement is in effect through 7 pm Tuesday for area beaches.
- A High Surf Advisory will be in effect from 1 pm today through 1 pm Tuesday for area beaches.
- A Lake Wind Advisory will be in effect from 10 am today through 7 pm Monday for all counties.
- A Coastal Flood Statement will be in effect from noon today through midnight.

### Impacts:

- Damaging winds from thunderstorms
- Periods of heavy rain that may cause some minor street flooding
- Large Hail
- Frequent deadly lightning strikes
- Isolated strong long track tornadoes
- Tides 2 to 3 feet above normal this afternoon and evening, causing minor coastal flooding at time of high tide
- Dangerous boating conditions

# Severe Weather Outlook For Today



## Understanding Severe Thunderstorm Risk Categories

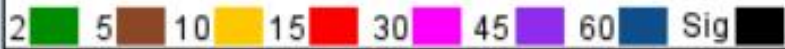
THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
<ul style="list-style-type: none"> <li>Winds to 40 mph</li> <li>Small hail</li> </ul>	<ul style="list-style-type: none"> <li>Winds 40-60 mph</li> <li>Hail up to 1"</li> <li>Low tornado risk</li> </ul>	<ul style="list-style-type: none"> <li>One or two tornadoes</li> <li>Reports of strong winds/wind damage</li> <li>Hail ~1", isolated 2"</li> </ul>	<ul style="list-style-type: none"> <li>A few tornadoes</li> <li>Several reports of wind damage</li> <li>Damaging hail, 1 - 2"</li> </ul>	<ul style="list-style-type: none"> <li>Strong tornadoes</li> <li>Widespread wind damage</li> <li>Destructive hail, 2" +</li> </ul>	<ul style="list-style-type: none"> <li>Tornado outbreak</li> <li>Derecho</li> </ul>

## Tornado Threat

- Probability of a tornado within 25 miles of a point.
- Hatched area indicates 10% probability of EF2 or stronger tornadoes.

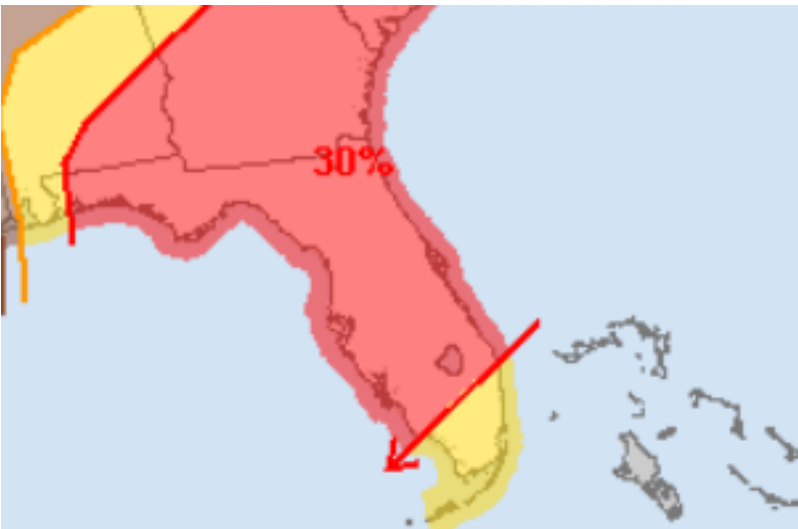


Tornado Probability Legend (in %):



## Wind Threat

- Probability of damaging thunderstorm wind gusts of 50 knots (58 MPH) or greater within 25 miles of a point.

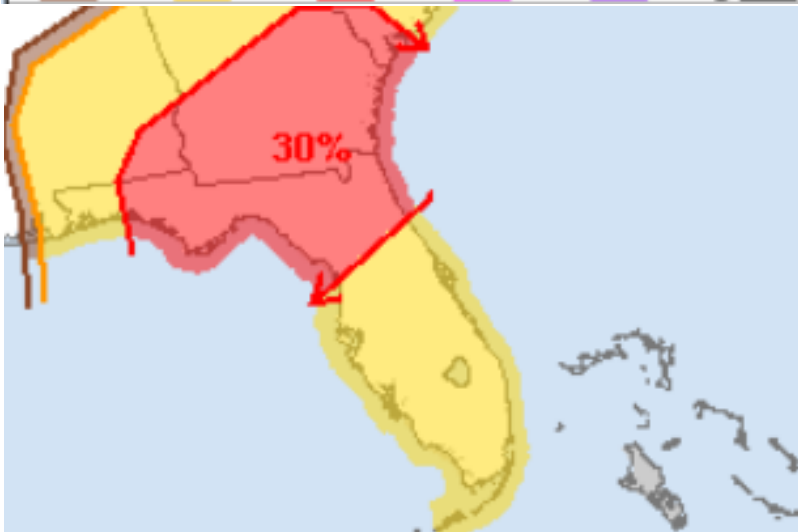


Wind Probability Legend (in %):



## Hail Threat

- Probability of one inch diameter hail or larger within 25 miles of a point.



Hail Probability Legend (in %):





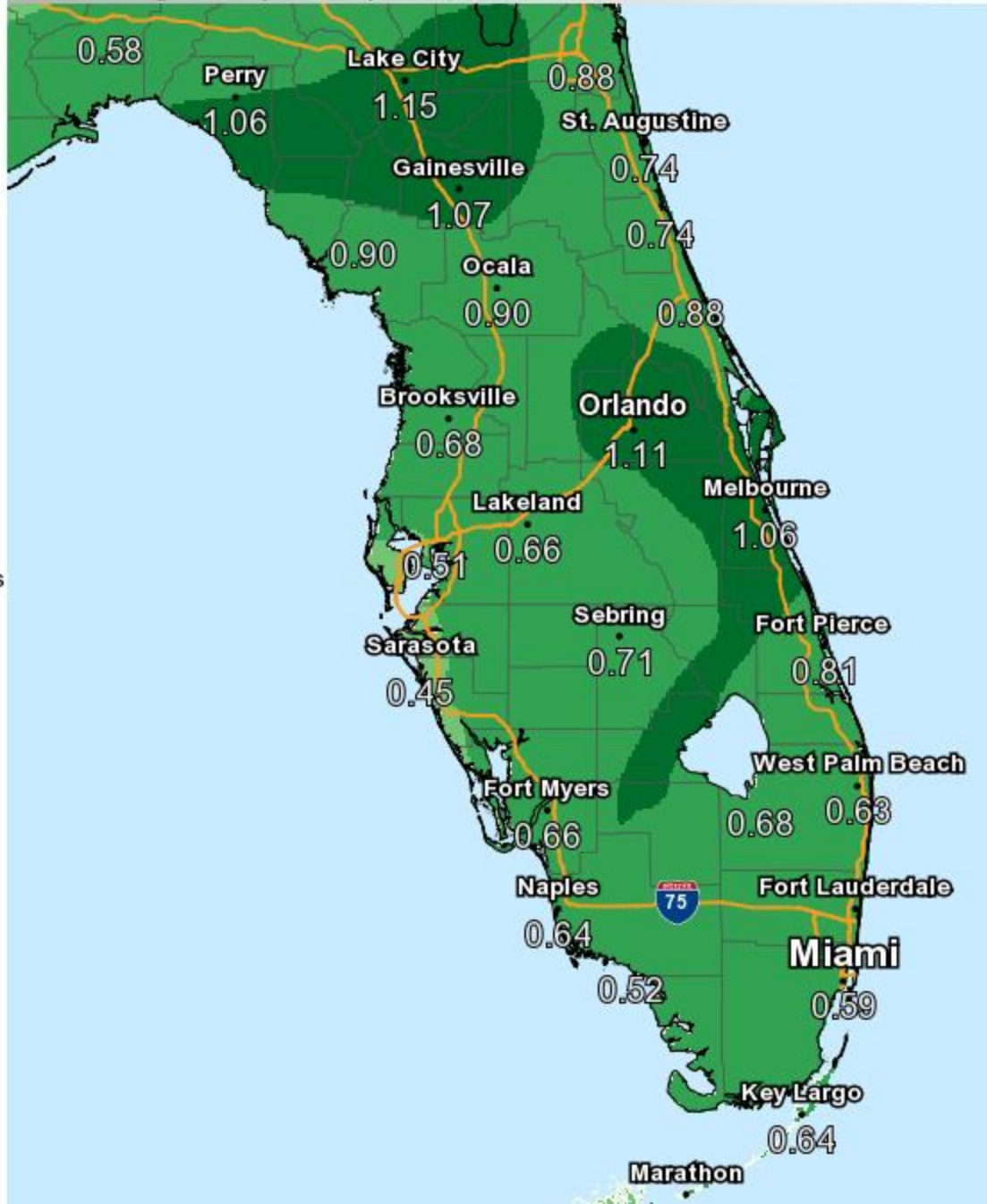
# Rainfall Expected Today – Monday Morning

## Forecast Precipitation



Valid Ending Monday January 23rd, 2017 at 7 AM EST

- Up to 0.1 inch
- 0.1 to 0.25 inches
- 0.25 to 0.5 inches
- 0.5 to 1.0 inches
- 1.0 to 1.5 inches
- 1.5 to 2.0 inches
- 2.0 to 3.0 inches
- 3.0 to 4.0 inches
- 4.0 to 6.0 inches
- 6.0 to 8.0 inches
- 8.0 to 10.0 inches
- 10.0 to 15.0 inches
- Greater than 15 inches



Graphic Created  
January 22nd, 2017  
5:13 AM EST