



Severe Weather Briefing

**National Weather Service
Little Rock, Arkansas**

March 16, 2023 – 5:30 AM

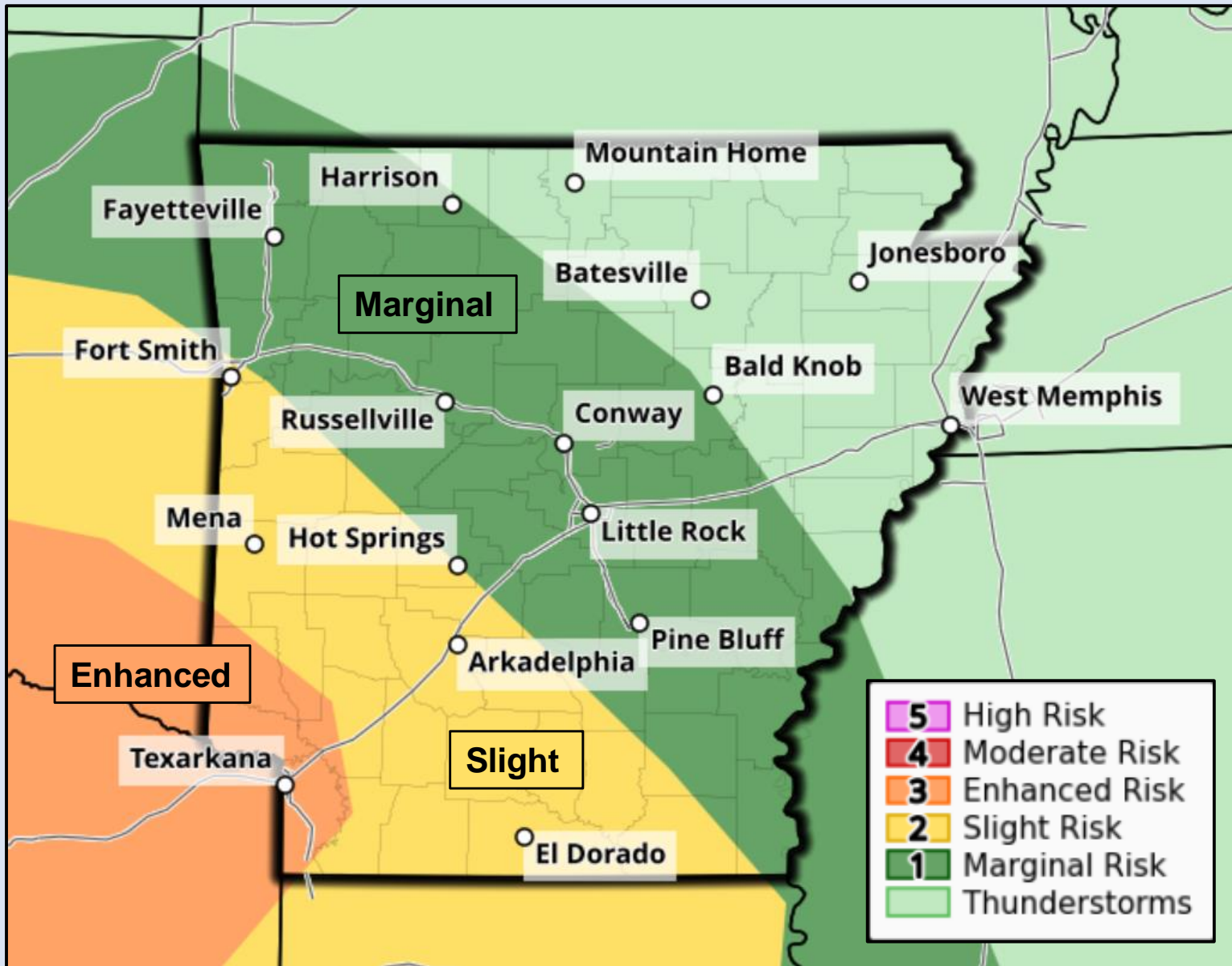


Updates with this briefing:

- ✓ **No change to the severe weather outlook with southwest Arkansas continuing to see the highest probability of severe storms**
- ✓ **Forecast rain amounts have been lowered slightly, although up to 2" of rain remains likely across southern sections through tonight with some flash flooding possible**

- A strong storm system will move into the region on Thursday into early Friday, followed by a cold front that will sweep across the state during the day on Friday.
- Showers and thunderstorms are expected to develop along and ahead of the cold front.
- Some storms may become strong to severe, especially over portions of southwestern Arkansas.
- The main hazards look to be damaging wind gusts and large hail. A brief tornado cannot be completely ruled out.

Severe Weather Thursday (March 16)



Strong to severe thunderstorms are expected to develop across southeastern Oklahoma and northeast Texas, then move eastward into the state Thursday evening along a strong cold front.

The greatest likelihood for severe weather will exist over the southwestern portion of the state. Damaging winds and some large hail will be the primary severe weather threats. A couple tornadoes cannot be ruled out either.

Maximum Hail Size

Up to Softball

Up to Baseball

Up to Golf ball

Up to Quarter

Maximum Wind Speed

80+ mph

60-80 mph

Up to 60 mph

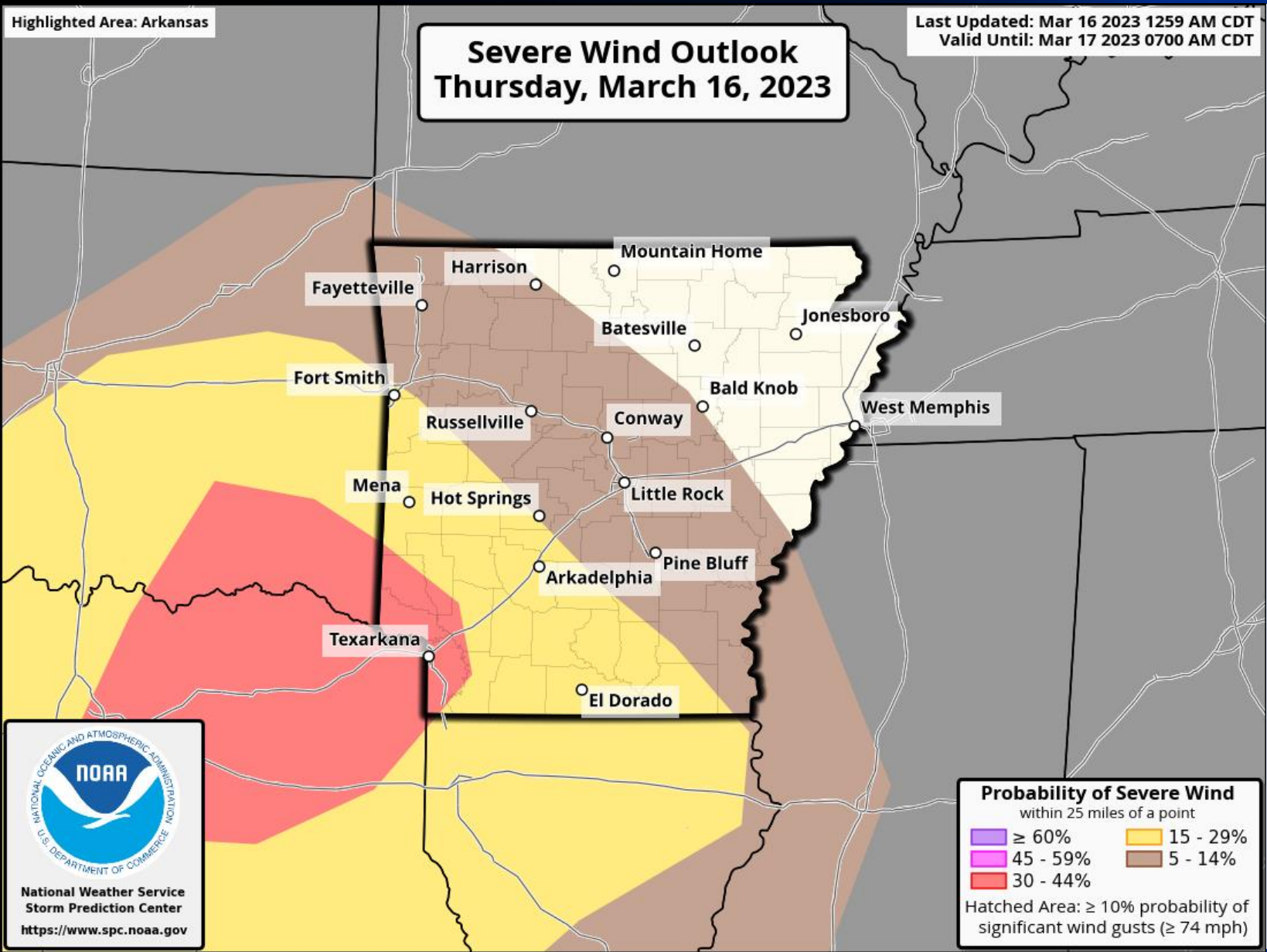
Tornado Potential

High

Medium

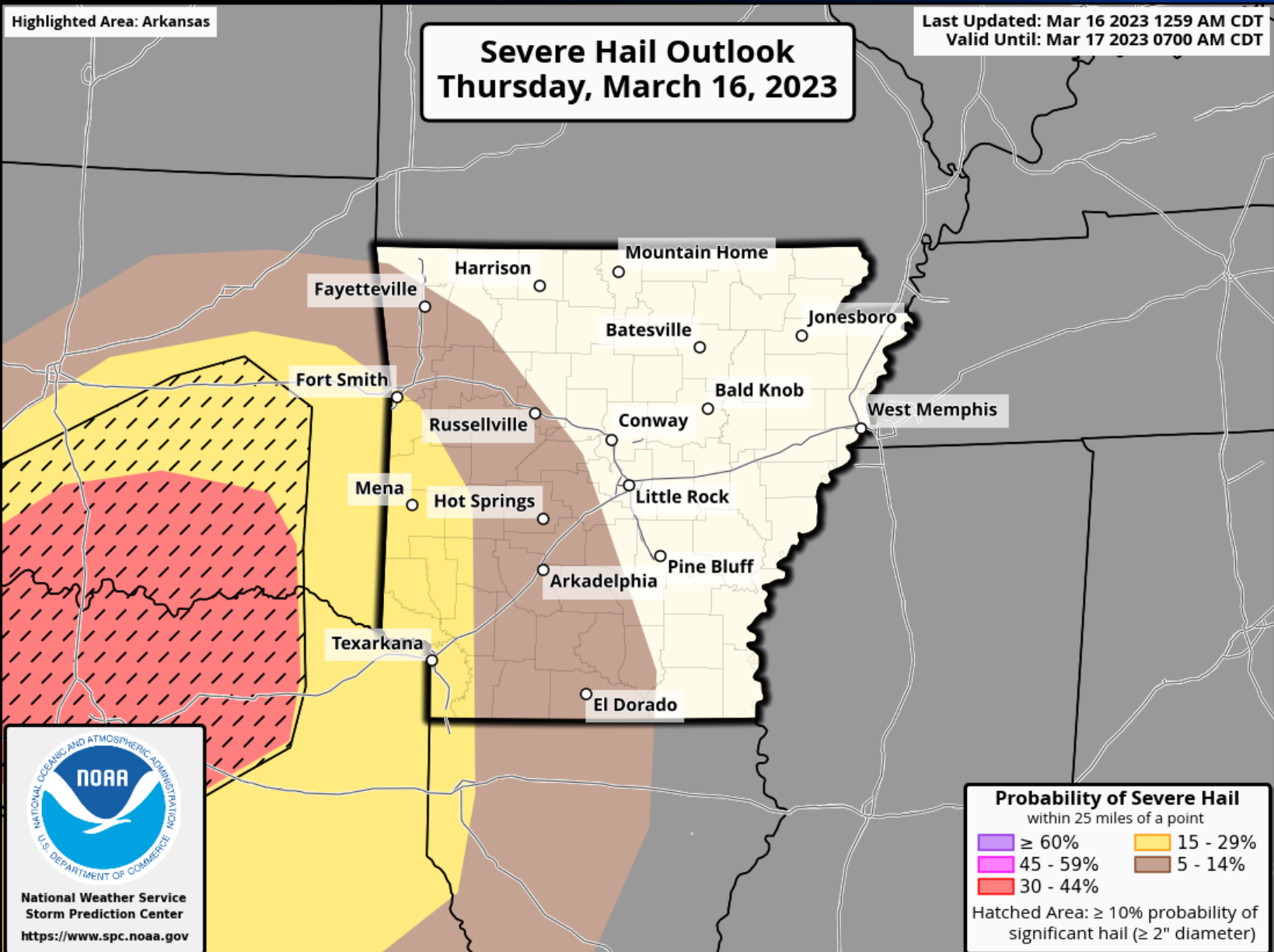
Low

Very Low



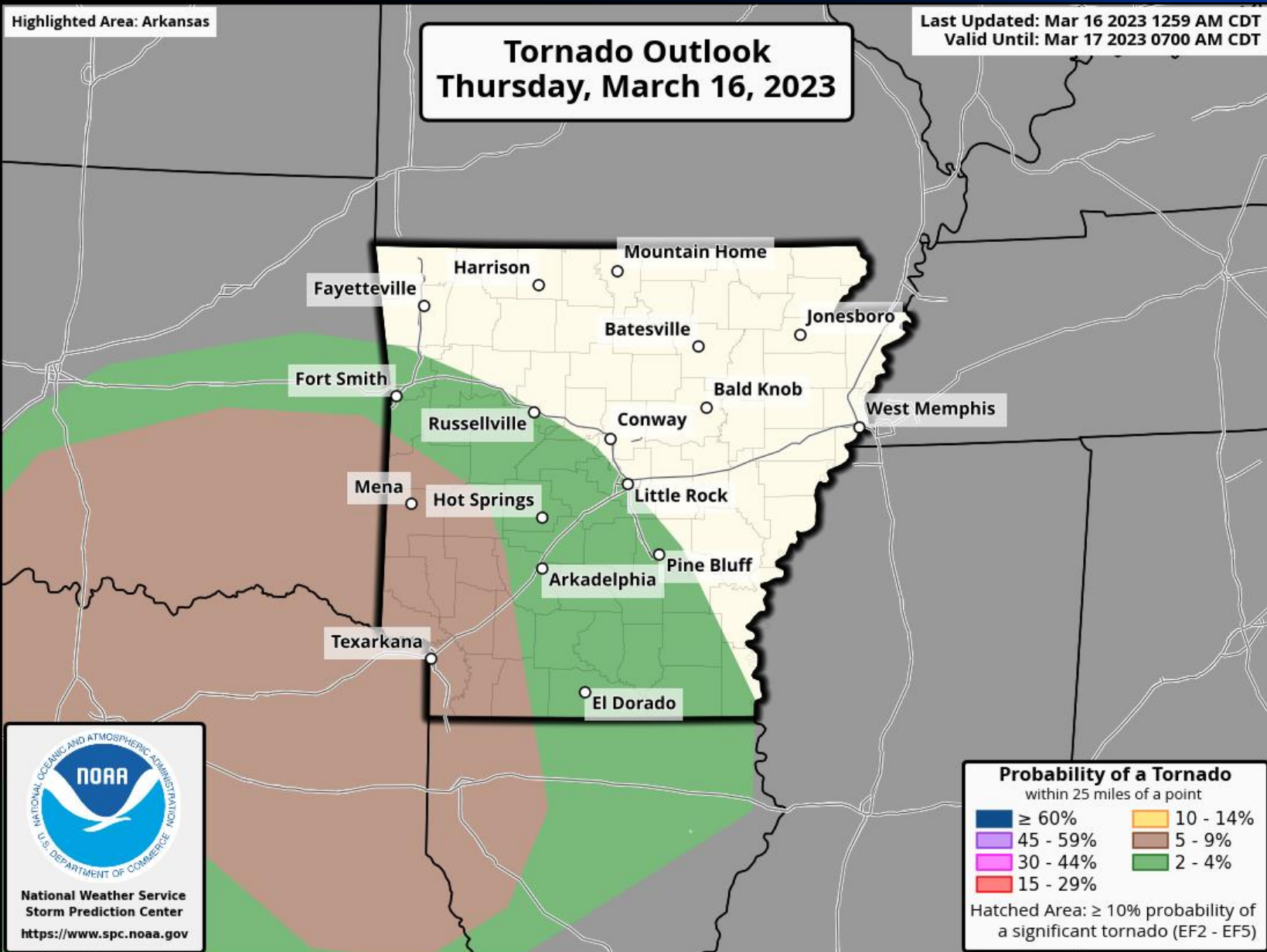
- The hazards of severe wind (≥ 58 mph) will be possible Thursday afternoon into Thursday night.
- The possibility of severe wind will extend over a large portion of southwestern and western Arkansas.
- Damaging winds remains the greatest overall threat with this system.

Severe Weather by Hazard: Severe Hail (March 16)



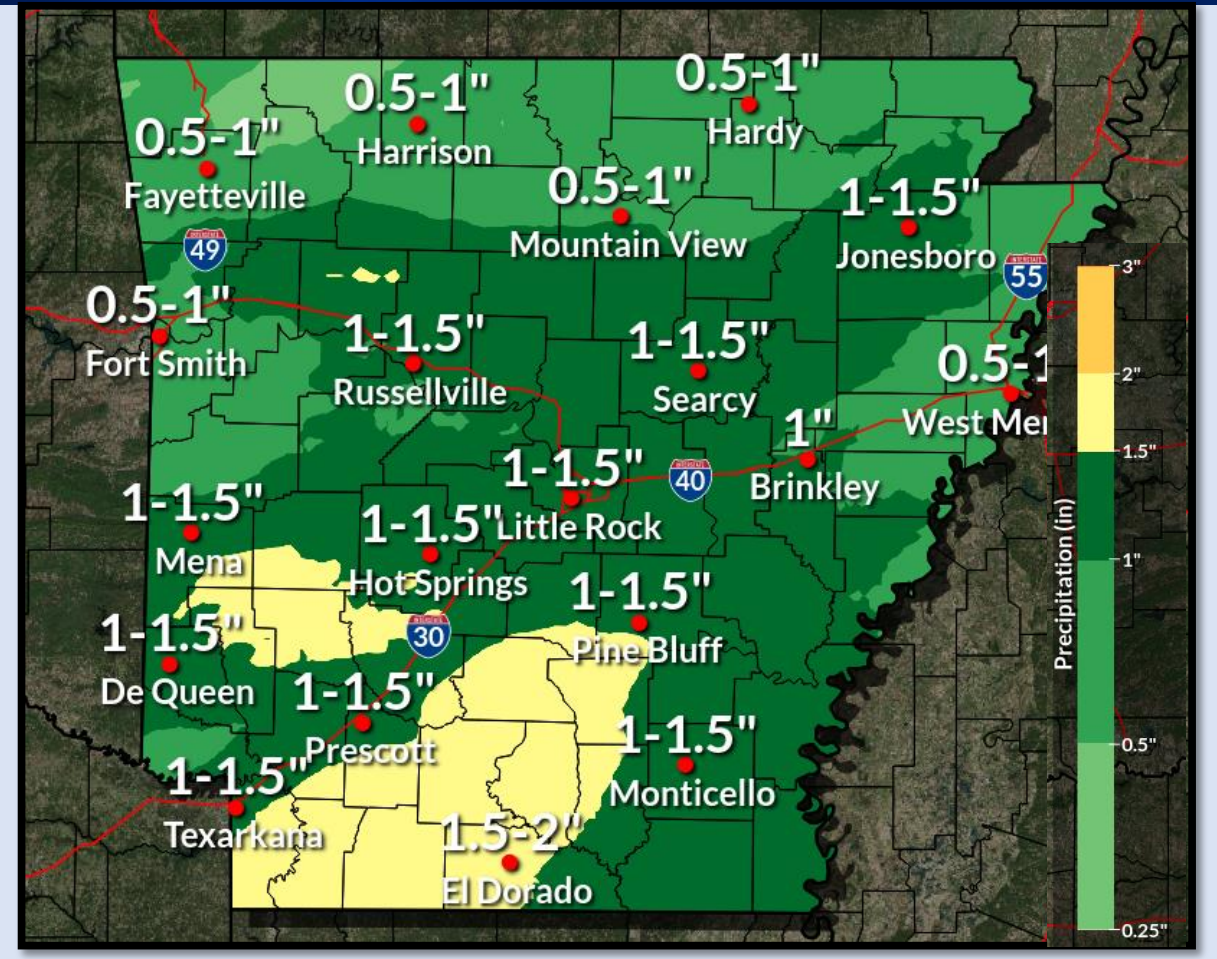
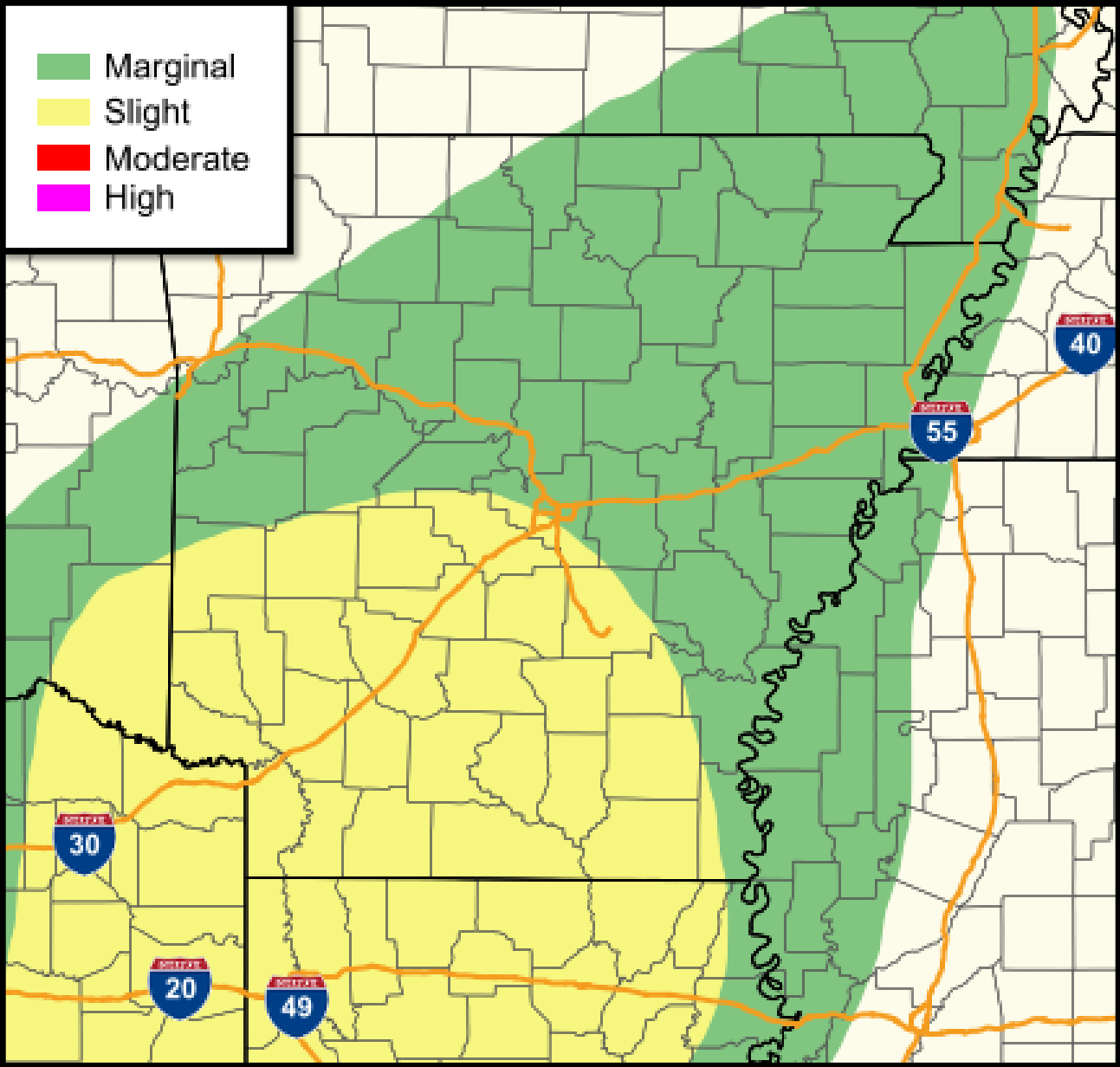
- The hazards of severe hail (≥ 1 inch) will be possible Thursday afternoon into Thursday night.
- The possibility of severe hail will extend over portions of western and southwestern Arkansas.
- Large hail remains the second greatest overall threat with this system.

Severe Weather by Hazard: Tornado (March 16)



- The hazard of a brief tornado is not a primary hazard, but cannot be completely ruled out.
- The low possibility of a brief tornado will be confined to southwest Arkansas.

Rainfall Forecast and Flood Potential



- Rainfall will be heaviest across southwestern/southern Arkansas where up to 2" of rain is expected (right image)
- Some flash flooding is possible over southern sections through tonight (left image)



For the latest information



Web: <http://weather.gov/LZK>



Phone: (501) 834-0308



E-mail: sr-lzk.forecasters@noaa.gov



Facebook: NWSLittleRock



Twitter: @NWSLittleRock



YouTube: NWSLittleRock