The purpose of these briefings is to give you an idea of what to expect weather-wise for the time period indicated above, and to give you a heads-up as to what types of weather hazards and weather impacts, if any, are possible.
The Upcoming Weather Pattern

Key Points:

• Unseasonably warm, with temps averaging 15 to 20 degrees above normal.

• A very active and unsettled by late week.

• A strong, slow-moving cold front will cross the region Thursday and Thursday night.

• Slow movement of this storm system, combined with very moist air in place will support widespread heavy rain, along with the potential for severe storms.

• Much quieter and more seasonable temperatures for the weekend.
Severe Thunderstorm Potential for Days 1-3
Courtesy of the Storm Prediction Center (www.spc.noaa.gov)

Day 4: Thu.-Thu. Night

Day 4-8 Severe Weather Outlook Legend

- 30%
- 15%

THUNDERSTORMS

1 - MARGINAL (MRGL)
Isolated severe thunderstorms possible

2 - SLIGHT (SLGT)
Scattered severe storms possible

3 - ENHANCED (ENH)
Numerous severe storms possible

4 - MODERATE (MDT)
Widespread severe storms likely

5 - HIGH (HIGH)
Widespread severe storms expected

- Long-lived, very widespread and particularly intense
- High winds
- Large hail
- Mobile home damage
- Heavy flooding
- Strong tornadoes
- Multiple tornadoes
- Long-lived, very widespread and particularly intense

* NWS defines a severe thunderstorm as measured wind gusts to at least 56 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.
Accumulated Precipitation Forecasts Through the Next 7 Days
Courtesy of the Weather Prediction Center (www.wpc.ncep.noaa.gov)

Key Points:

• Widespread 2 to 4 inches possible.

• Heaviest rainfall falling Wednesday evening through Thursday night.

• Pose a threat of both Flash Flooding and River Flooding.
River Simulations

Key Points:

- Most of our forecast models show a majority of our main-stem rivers reaching Moderate to Major Flood Levels late this week and through the weekend.
Summary for the Week

- Unseasonably warm with generally dry conditions through Tuesday night.
- Rain chances begin to increase Wednesday afternoon and Wednesday night as a cold front sags south out of Virginia.
- The wettest and most impactful period is expected Wednesday Night and Thursday night. Widespread rainfall of 2 to 4 inches, with some locally higher amounts possible. Rainfall of this magnitude will pose a risk for Flash Flooding, and potentially significant River Flooding.
- There will also be a threat for severe storms Thursday-Thursday night. Wind damage and perhaps an isolated Tornado threat.
- Drier conditions with more seasonable temperatures returning for the weekend.