



Heavy Precipitation Outlook

Flash Flood Prediction Program

COOLER WITH AFTERNOON/EVENING SHOWERS & THUNDERSTORMS

- Observations Saturday morning show an upper-level trough of low pressure tracking into NW Colorado, while a plume of moisture remains draped over much of the middle part the country. With more cloud cover expected, daytime temperatures will be slightly cooler, topping out in the low 90s by afternoon.
- The mentioned trough will help focus scattered to numerous showers and thunderstorms across the forecast area this afternoon and evening. Faster steering flow should limit the threat for widespread heavy precipitation, but stronger thunderstorms will likely produce moderate to locally-heavy rainfall.
- Today's storms will track to the E at around 18-23mph, with the best chance for a storm over the District occurring between about 3:00pm-8:00pm. Showers and storms will decrease after sunset, but a few could linger into the early-overnight period as the trough axis slowly clears the area.

STORM RAINFALL POTENTIAL AND DURATION: Weak to moderate showers and thunderstorms will produce rainfall amounts between 0.10-0.30" in 10-30 minutes. Stronger thunderstorms may produce rainfall between 0.30-0.90" in 10-30 minutes.

WORST CASE SCENARIO: Multiple waves of strong storms impact the same area, producing rainfall up to 2.30" in 60-90 minutes.

A LOOK AHEAD: High pressure reestablishes to our W on Sunday, with drier air arriving from the NW. Look for afternoon highs around 90, with only a slight chance for an isolated shower or thunderstorm during the afternoon and evening.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	300 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Arapahoe	300 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Boulder	300 PM TO 800 PM	0.1" (90%) to 0.5" (40%) to 0.9" (15%)	HIGH
Broomfield	300 PM TO 800 PM	0.1" (90%) to 0.5" (40%) to 0.9" (15%)	HIGH
Denver	300 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Douglas	300 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Jefferson	300 PM TO 800 PM	0.1" (90%) to 0.5" (40%) to 0.9" (15%)	HIGH
Foothills above 6500ft			
Boulder	200 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Douglas	200 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH
Jefferson	200 PM TO 800 PM	0.1" (90%) to 0.5" (50%) to 0.9" (20%)	HIGH

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

