



Heavy Precipitation Outlook

Flash Flood Prediction Program

COOLER WITH SHOWERS & THUNDERSTORMS CAPABLE OF HEAVY RAINFALL

- A cold front slipped into the area overnight, bringing low clouds and increased moisture to the Front Range this morning. Easterly upslope winds are currently fueling a few light showers over portions of the District, but these should dissipate over the coming hours. Highs today will be much cooler behind the front, topping out in the low to mid 80s.
- An approaching upper-level disturbance will help trigger showers and thunderstorms over the mountains and higher foothills early this afternoon. These storms will track E onto the plains later today and encounter favorable conditions to produce moderate to heavy rainfall.
- Today's storms will track to the E at around 10-15mph, with the best chance for a storm over the District occurring between about 3:00pm-8:00pm.

STORM RAINFALL POTENTIAL AND DURATION: Weak to moderate thunderstorms will produce rainfall amounts between 0.10-0.30" in 10-30 minutes. Stronger thunderstorms may produce rainfall between 0.30-0.80" in 10-30 minutes.

WORST CASE SCENARIO: A strong to severe thunderstorm or training of storm cells produces rainfall up to 2.50" in 60-90 minutes.

A LOOK AHEAD: Slight drying arrives on Saturday as transient high pressure builds into the area. Look for a decreased risk for heavy rainfall, with isolated to widely-scattered showers and thunderstorms expected.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	300 PM TO 800 PM	0.1" (80%) to 0.3" (50%) to 0.8" (20%)	HIGH
Arapahoe	300 PM TO 800 PM	0.1" (90%) to 0.3" (60%) to 0.8" (25%)	HIGH
Boulder	300 PM TO 800 PM	0.1" (75%) to 0.3" (45%) to 0.8" (15%)	MOD
Broomfield	300 PM TO 800 PM	0.1" (80%) to 0.3" (50%) to 0.8" (20%)	MOD
Denver	300 PM TO 800 PM	0.1" (85%) to 0.3" (55%) to 0.8" (20%)	HIGH
Douglas	300 PM TO 800 PM	0.1" (90%) to 0.3" (60%) to 0.8" (25%)	HIGH
Jefferson	300 PM TO 800 PM	0.1" (85%) to 0.3" (55%) to 0.8" (20%)	HIGH
Foothills above 6500ft			
Boulder	200 PM TO 800 PM	0.1" (85%) to 0.3" (55%) to 0.8" (20%)	MOD
Douglas	200 PM TO 800 PM	0.1" (90%) to 0.3" (60%) to 0.8" (25%)	HIGH
Jefferson	200 PM TO 800 PM	0.1" (90%) to 0.3" (60%) to 0.8" (25%)	HIGH

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

