



# Heavy Precipitation Outlook

## Flash Flood Prediction Program

### WARMER WITH ISOLATED AFTERNOON THUNDERSTORMS

- Drier and warmer air will move into the District today reducing thunderstorm coverage and lowering the potential for heavy rainfall. Highs this afternoon will warm into the upper 80's to lower 90's on the plains.
- Conditions will be dry through the morning with isolated thunderstorms developing over the foothills by early afternoon. Upper level steering winds from the W will then push a few storms onto the plains after 2 or 3pm. Although drier air has moved in aloft moisture remains abundant at the surface resulting in the isolated storms that do develop today having the potential to produce small areas of heavy rainfall.
- Since storms will be isolated many areas may very well end up on the dry side today. Best chances for isolated thunderstorms will be from 2-8pm. Storms will move from W to E at around 20mph. Dry conditions are expected during the later evening and overnight period.

**STORM RAINFALL POTENTIAL AND DURATION:** Weak to moderate thunderstorms will produce a trace to 0.3". Strong thunderstorms will have the potential to produce 0.3-0.8" in 10-30 minutes.

**WORST CASE SCENARIO:** A slower moving strong thunderstorm may produce up to 1.5" in 45-90 minutes.

**A LOOK AHEAD:** Thunderstorm coverage will increase again over the weekend with scattered storms with the potential to produce heavy rainfall and possibly severe weather. Temperatures over the plains will be in the mid to upper 80's to around 90 degrees for highs.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
<b>Plains</b>			
Adams	200 PM TO 800 PM	Trace (60%) to 0.2" (30%) to 0.6" (10%)	LOW
Arapahoe	200 PM TO 800 PM	Trace (60%) to 0.2" (30%) to 0.6" (10%)	LOW
Boulder	200 PM TO 800 PM	Trace (65%) to 0.2" (40%) to 0.6" (10%)	LOW
Broomfield	200 PM TO 800 PM	Trace (60%) to 0.2" (30%) to 0.6" (10%)	LOW
Denver	200 PM TO 800 PM	Trace (60%) to 0.2" (30%) to 0.6" (10%)	LOW
Douglas	200 PM TO 800 PM	Trace (75%) to 0.2" (50%) to 0.6" (15%)	LOW
Jefferson	200 PM TO 800 PM	Trace (65%) to 0.2" (40%) to 0.6" (10%)	LOW
<b>Foothills above 6500ft</b>			
Boulder	100 PM TO 800 PM	Trace (75%) to 0.2" (50%) to 0.6" (15%)	LOW
Douglas	100 PM TO 800 PM	Trace (75%) to 0.2" (50%) to 0.6" (15%)	LOW
Jefferson	100 PM TO 800 PM	Trace (75%) to 0.2" (50%) to 0.6" (15%)	LOW

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