



# Heavy Precipitation Outlook

## Flash Flood Prediction Program

### CONTINUED WARM WITH ISOLATED EVENING SHOWERS & THUNDERSTORMS

- A broad ridge of high pressure remains draped over the Western United States Thursday, helping draw subtropical moisture N over the Rocky Mountains. Temperatures will remain warm for early September, topping out in the low to mid 90s by afternoon, with plenty of sunshine expected.
- Generally-dry and stable conditions will prevail throughout the afternoon, before a wave of weak showers and thunderstorms moves off the higher terrain onto the plains this evening. Most showers and storms will produce light to briefly-moderate rainfall, but the slight chance exists for a stronger, slow-moving storm to produce heavier amounts.
- Tonight's storms will track in an easterly direction at around 8-15mph, with the best chance for a storm over the District occurring between about 5:00pm-10:00pm. Low-level upslope winds and increasing surface moisture could help areas of showers and weak storms persist into the early-overnight period.

**STORM RAINFALL POTENTIAL AND DURATION:** Showers and thunderstorms will produce rainfall amounts between Trace-0.20" in 10-30 minutes.

**WORST CASE SCENARIO:** An strong, slow-moving thunderstorm produces rainfall up to 0.50" in 10-30 minutes.

**A LOOK AHEAD:** Cooler temperatures arrive Friday behind a cold front, with highs falling back into the mid 80s. Lift ahead of a disturbance to our N will lead to an uptick in showers and thunderstorms during the afternoon and evening, with moderate to locally-heavy rainfall possible underneath stronger storm cells.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
<b>Plains</b>			
Adams	500 PM TO 1000 PM	0.1" (65%) to 0.2" (40%) to 0.5" (5%)	LOW
Arapahoe	500 PM TO 1000 PM	0.1" (65%) to 0.2" (40%) to 0.5" (5%)	LOW
Boulder	500 PM TO 1000 PM	0.1" (70%) to 0.2" (45%) to 0.5" (10%)	LOW
Broomfield	500 PM TO 1000 PM	0.1" (70%) to 0.2" (45%) to 0.5" (10%)	LOW
Denver	500 PM TO 1000 PM	0.1" (70%) to 0.2" (45%) to 0.5" (10%)	LOW
Douglas	500 PM TO 1000 PM	0.1" (75%) to 0.2" (55%) to 0.5" (15%)	LOW
Jefferson	500 PM TO 1000 PM	0.1" (75%) to 0.2" (55%) to 0.5" (15%)	LOW
<b>Foothills above 6500ft</b>			
Boulder	300 PM TO 1000 PM	0.1" (80%) to 0.2" (60%) to 0.5" (20%)	LOW
Douglas	300 PM TO 1000 PM	0.1" (80%) to 0.2" (60%) to 0.5" (20%)	LOW
Jefferson	300 PM TO 1000 PM	0.1" (80%) to 0.2" (60%) to 0.5" (20%)	LOW

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

