



# Heavy Precipitation Outlook

## Flash Flood Prediction Program

### ISOLATED TO WIDELY SCATTERED AFTERNOON THUNDERSTORMS

- A surge of low level moisture has pushed back to the Front Range overnight resulting in low clouds and areas of fog/mist this morning over the District. Currently these low clouds are on the decrease with skies becoming mostly sunny allowing temperatures to warm into the upper 80's to around 90 this afternoon.
- Strength of thunderstorms this afternoon will hinge on how much of the low level moisture moves back to the E or remains banked up against the foothills. At this time moisture is expected to be scoured out keeping storms weak to moderate but if moisture levels remain elevated strong to severe thunderstorms will be possible with heavy rainfall and hail.
- At this time isolated weak to moderate thunderstorms are expected to develop between 2-4pm and continue possible through sunset. Typical storms will produce light to moderate rain and gusty winds. Stronger storms if they are able to develop will favor far E areas of the District. Storms today will be fast moving from WNW to ESE at around 30mph.

**STORM RAINFALL POTENTIAL AND DURATION:** Weak to moderate thunderstorms will produce a trace to 0.3". Strong thunderstorms if they are able to develop will produce 0.3-0.8" in 10-30 minutes.

**WORST CASE SCENARIO:** A strong slower moving strong thunderstorm may produce up to 1.5" in 30-60 minutes.

**A LOOK AHEAD:** Drier air will move into the District on Saturday with only a slight chance for isolated afternoon thunderstorms favoring the foothills and Palmer Divide. Temperatures will warm into the low to mid 90's over the plains.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
<b>Plains</b>			
Adams	300 PM TO 800 PM	Trace (60%) to 0.3" (30%) to 0.8" (10%)	LOW
Arapahoe	300 PM TO 800 PM	Trace (60%) to 0.3" (30%) to 0.8" (10%)	LOW
Boulder	300 PM TO 800 PM	Trace (60%) to 0.3" (30%) to 0.8" (10%)	LOW
Broomfield	300 PM TO 800 PM	Trace (60%) to 0.3" (30%) to 0.8" (10%)	LOW
Denver	300 PM TO 800 PM	Trace (60%) to 0.3" (30%) to 0.8" (10%)	LOW
Douglas	300 PM TO 800 PM	Trace (60%) to 0.3" (25%) to 0.8" (5%)	LOW
Jefferson	300 PM TO 800 PM	Trace (60%) to 0.3" (25%) to 0.8" (5%)	LOW
<b>Foothills above 6500ft</b>			
Boulder	200 PM TO 800 PM	Trace (60%) to 0.3" (25%) to 0.8" (5%)	LOW
Douglas	200 PM TO 800 PM	Trace (60%) to 0.3" (25%) to 0.8" (5%)	LOW
Jefferson	200 PM TO 800 PM	Trace (60%) to 0.3" (25%) to 0.8" (5%)	LOW

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

