



Heavy Precipitation Outlook

Flash Flood Prediction Program

ABOVE NORMAL TEMPERATURES WITH ISOLATED AFTERNOON THUNDERSTORMS

- Temperatures will warm to above normal over the District today with readings in the mid to upper 90's over the plains. Normal high for Denver today is 90 degrees.
- Upper level moisture will slowly be on the increase today resulting in isolated thunderstorms this afternoon and early evening. Typical storms today are expected to produce light to briefly moderate rain and gusty winds. If low level moisture does not scour out as much as projected then a stronger storm with the potential for brief heavy rainfall cannot be ruled out.
- Upper level steering winds will produce storm motions from NW to SE at 15-20mph. Thunderstorms that develop along rain cooled gust fronts may move more slowly or have erratic motions. Best chances for thunderstorm activity today will be from 2-8pm.

STORM RAINFALL POTENTIAL AND DURATION: Weak to moderate thunderstorms will produce a trace to 0.2". An isolated strong thunderstorm if able to develop will have the potential to produce 0.2-0.6" in 10-30 minutes.

WORST CASE SCENARIO: A slower moving large thunderstorm may produce rainfall rates of 0.4-1.2" 10-30 minutes.

A LOOK AHEAD: Monsoon moisture will continue to increase over the state on Wednesday and Thursday resulting in better chances for thunderstorms with the potential for heavy rainfall. Highs continue warm Wednesday reaching the mid 90's with cooler temperatures on Thursday in the upper 80's to around 90.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Arapahoe	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Boulder	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Broomfield	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Denver	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Douglas	200 PM TO 800 PM	Trace (80%) to 0.2" (40%) to 0.6" (15%)	LOW
Jefferson	200 PM TO 800 PM	Trace (70%) to 0.2" (35%) to 0.6" (10%)	LOW
Foothills above 6500ft			
Boulder	100 PM TO 800 PM	Trace (85%) to 0.2" (50%) to 0.6" (15%)	LOW
Douglas	100 PM TO 800 PM	Trace (85%) to 0.2" (50%) to 0.6" (15%)	LOW
Jefferson	100 PM TO 800 PM	Trace (85%) to 0.2" (50%) to 0.6" (15%)	LOW

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

