



Heavy Precipitation Outlook

Flash Flood Prediction Program

WARM TODAY WITH A CHANCE FOR AFTERNOON/EVENING SHOWERS/THUNDERSTORMS

- NW flow aloft continues to dominate over the region today leading to mild conditions this morning as high temperatures reach the mid 70's to around 80 this afternoon. A disturbance will move in from the NW around midday resulting in a good chance for rain showers and isolated thunderstorms this afternoon with rain showers/isolated thunderstorm chances continuing into this evening.
- Shower and thunderstorm activity will develop over the Front Range foothills by around noon then storms will move onto the plains sometime between 1-2pm or shortly after. Storm motion today will be from NW to SE between 10-15mph. Relatively fast storm motion will help to limit point rainfall amounts but stronger storms will be capable of producing brief heavy rainfall. Typical thunderstorms will produce light to brief moderate rain, gusty winds and small hail.
- Prime time for thunderstorms will be between 1-9pm then the majority of the storm activity will have pushed SE of the District with lingering light rain showers possible through midnight.

STORM RAINFALL POTENTIAL AND DURATION: Typical rain showers and weak to moderate thunderstorms will produce a trace to 0.2" in 10-30 minutes. A strong thunderstorm will have the potential to produce 0.2-0.5" in 10-30 minutes.

WORST CASE SCENARIO: A slower moving strong thunderstorm formed off a boundary or training of moderate/strong thunderstorm cells may result in up to 1.0" of rain in 30-60 minutes.

A LOOK AHEAD: This active weather pattern will remain in place through the week and into the weekend with rain showers/thunderstorm chances every afternoon or evening. Temperatures over the next few days will remain seasonable in the 70's with generally mild mornings, with clouds increasing into the afternoon bringing rain shower/thunderstorm chances although the risk for widespread heavy rainfall should hold off until this weekend.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Arapahoe	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Boulder	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Broomfield	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Denver	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Douglas	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Jefferson	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Foothills above 6500ft			
Boulder	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Douglas	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW
Jefferson	100 PM TO 1000 PM	Trace (60%) to 0.2" (40%) to 0.5" (10%)	LOW

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

