



Time: 858 AM Wed May 12, 2021

Forecaster: Justin Brooks

## Heavy Precipitation Outlook

### Flash Flood Prediction Program

#### WARM AND SUNNY TODAY WITH A VERY SLIGHT CHANCE FOR SCATTERED AFTERNOON RAIN SHOWERS/THUNDERSTORMS

- Finally a day with some sunshine as a slow moving low-pressure system exits the region today. Temperatures on the plains this afternoon will reach the low 60's with 50's along the foothills. Some patchy fog over parts of the District this morning due to excess surface moisture which could bring a very slight chance for scattered afternoon rain showers/isolated thunderstorms as the sun comes out today and warms the surface.
- As the fog lifts, mostly sunny skies are expected through the morning with a very slight chance for some shower activity along the higher terrain around midday. NW flow aloft picks up in the afternoon bringing a chance for some rain shower/isolated thunderstorm activity across the District between 1-6pm with skies clearing into the evening. Typical rain showers, if they do develop, will produce between a TR-0.05" in 10-30 min, with an isolated 0.20" possible if a stronger cell is able to develop. Biggest threat today would be gusty winds under any showers/isolated thunderstorms that develop.
- Mild and dry conditions this evening and through the overnight as low temperatures are only expected to drop into the upper 30's to around 40 for the plains with low to mid 30's for the foothills.

**STORM RAINFALL POTENTIAL AND DURATION:** Rain showers or a weak thunderstorm will produce TR-0.05" in 10-30 minutes. A moderate thunderstorms will have the potential to produce 0.05-0.2" in 10-30 minutes.

**WORST CASE SCENARIO:** An anchored moderate/strong thunderstorm may result in up to 0.5" of rain in 60-90 minutes.

**A LOOK AHEAD:** Warmer, sunny and dry Thursday with high temperatures expected to reach the low 70's across the plains with 60's along the foothills. Similar conditions to start the day Friday with highs reaching the low to mid 70's. A chance Friday afternoon and evening for high-based scattered rain/isolated thunderstorms. Temperatures hold in the 70's Saturday as rain chances increase into the Weekend.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Arapahoe	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Boulder	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Broomfield	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Denver	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Douglas	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Jefferson	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Foothills above 6500ft			
Boulder	100 PM TO 600 PM	Trace (20%) to 0.1" (10%)	NONE
Douglas	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE
Jefferson	100 PM TO 600 PM	Trace (10%) to 0.1" (5%)	NONE

**MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.**

MHFD Flood Prediction Center: 303-458-0789 [F2P2 Website](#)

