



Time: 1212 PM Tue April 27, 2021

Forecaster: Brad Simmons

## Internal Message Status

### Flash Flood Prediction Program

#### MESSAGE 1'S ISSUED FOR PORTIONS OF THE DISTRICT

- Message 1's have been issued for Adams, Arapahoe/Aurora, Denver/DIA, and Douglas Counties and are valid until 8pm this evening.
- Thunderstorms have developed E of I-25 over the District as an upper level low pressure system emerges onto the plains. Thunderstorm activity will continue possible through the afternoon becoming less likely after 5 or 6pm as temperatures cool and precipitation becomes more stratiform in nature versus convective currently.
- The stronger thunderstorm activity is expected to remain confined to areas generally along and E of I-25 as there is better surface convergence with weaker storms westward towards the foothills.

**STORM RAINFALL POTENTIAL AND DURATION:** Weak to moderate thunderstorms will have the potential to produce 0.1-0.5" of rain in 10-30 minutes. Weak/moderate and briefly strong thunderstorms will have the potential to produce 0.3-0.9" of rain in 10-30 minutes. Strong thunderstorms are expected to produce more hail than rainfall. Steady moderate to heavy rain may produce 0.4-1.2" in 45-75 minutes.

**WORST CASE SCENARIO:** Training of thunderstorm cells may produce up to 1.4" in 45-90 minutes.

County	Message	Valid Times	Prime Time
<i>Douglas County</i>	1	Current TO 800 PM	Current TO 600 PM
<i>Adams County</i>	1	Current TO 800 PM	Current TO 600 PM
<i>Denver County</i>	1	Current TO 800 PM	Current TO 600 PM
<i>DIA</i>	1	Current TO 800 PM	Current TO 600 PM
<i>Arapahoe County</i>	1	Current TO 800 PM	Current TO 600 PM
<i>the City of Aurora</i>	1	Current TO 800 PM	Current TO 600 PM

County-specific Quantitative Precipitation Outlook	Precipitation Time	60-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	Current TO 800 PM TUE	0.1" (100%) to 0.5" (80%) to 1.2" (25%)	<b>ISSUED</b>
Arapahoe	Current TO 800 PM TUE	0.1" (100%) to 0.5" (80%) to 1.2" (25%)	<b>ISSUED</b>
Boulder	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.2" (10%)	<b>LOW</b>
Broomfield	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.2" (10%)	<b>LOW</b>
Denver	Current TO 800 PM TUE	0.1" (100%) to 0.5" (80%) to 1.2" (25%)	<b>ISSUED</b>
Douglas	Current TO 800 PM TUE	0.1" (100%) to 0.5" (80%) to 1.2" (25%)	<b>ISSUED</b>
Jefferson	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.2" (10%)	<b>LOW</b>
Foothills above 6500ft			
Boulder	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.0" (10%)	<b>LOW</b>
Douglas	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.0" (10%)	<b>LOW</b>
Jefferson	Current TO 800 PM TUE	0.1" (100%) to 0.5" (60%) to 1.0" (10%)	<b>LOW</b>

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

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

