



Time: 408 PM Tue April 27,
2021

Forecaster: Brad Simmons

Internal Message Status

Flash Flood Prediction Program

MESSAGE 1'S CONTINUE VALID FOR PORTIONS OF THE DISTRICT

- Message 1's issued earlier for Adams, Arapahoe/Aurora, Denver/DIA, and Douglas Counties will remain valid until 8pm this evening.
- The strongest thunderstorm activity has exited the District and remained well E of I-25 with weaker rain showers and isolated thunderstorms currently in/around the District. A stronger storm cannot be ruled out over the next few hours before the convective nature of the showers becomes more stratiform and a widespread rain develops this evening.
- Rain will be changing over to snow in the foothills above 8,000' by sunset and the snow line will slowly lower to around 6,000' by tomorrow morning, possibly as low as 5,000' briefly. As temperatures cool this evening and a more "upslope" flow develops the rain will be widespread but light to moderate resulting in minor runoff but no flash flood threat exists.

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. Briefly strong thunderstorms will have the potential to produce 0.3-0.9" of rain in 10-30 minutes. Steady moderate to heavy non-thunderstorm rain may produce 0.4-1.2" in 45-75 minutes early this evening.

WORST CASE SCENARIO: Training of thunderstorm cells may produce up to 1.4" in 45-75 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 0.4" (60%) to 1.0" (15%)	ISSUED
Arapahoe	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	ISSUED
Boulder	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	LOW
Broomfield	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	LOW
Denver	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	ISSUED
Douglas	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	ISSUED
Jefferson	Current TO 800 PM TUE	0.1" (100%) to 0.4" (60%) to 1.0" (15%)	LOW
Foothills above 6500ft			
Boulder	Current TO 800 PM TUE	0.1" (100%) to 0.4" (50%) to 1.0" (5%)	NONE
Douglas	Current TO 800 PM TUE	0.1" (100%) to 0.4" (50%) to 1.0" (5%)	NONE
Jefferson	Current TO 800 PM TUE	0.1" (100%) to 0.4" (50%) to 1.0" (5%)	NONE

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

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

