



Time: 256 PM Sat May 15,
2021

Forecaster: Brad Simmons

Internal Message Status

Flash Flood Prediction Program

MESSAGE 1'S ISSUED FOR SOUTHEAST AREAS OF THE DISTRICT

- Message 1's have been issued for Arapahoe and Douglas Counties and will be valid until 9:00pm this evening. Additional Message 1's may be issued for the remainder of the District later this afternoon.
- Thunderstorms have developed over south/southeast areas of the District where there was more sunshine which allowed for better surface heating this morning. These storms have the potential to produce heavy rainfall that may lead to excessive runoff. Strongest storms are currently in and around Aurora Reservoir and will be tracking E/NE out of the District over the next 60-90 minutes. Hail may also accompany the stronger thunderstorm cells.
- Storm motions will generally be from west to east at 15-20mph. Stronger thunderstorms may anchor briefly or have erratic storm movements at times due to outflow boundaries/gust fronts.

STORM RAINFALL POTENTIAL AND DURATION: Typical rain showers and weak thunderstorms will produce a 0.1-0.3" of rain. Moderate to strong thunderstorms will have the potential to produce 0.3-0.8" in 10-30 minutes.

WORST CASE SCENARIO: A stalled out thunderstorm along an outflow boundary may result in up to 1.6" of rain in 60 minutes or less.

County	Message	Valid Times	Prime Time
<i>the City of Aurora</i>	1	Current TO 900 PM	Current TO 800 PM
<i>Arapahoe County</i>	1	Current TO 900 PM	Current TO 800 PM
<i>Douglas County</i>	1	Current TO 900 PM	Current TO 800 PM

County-specific Quantitative Precipitation Outlook	Precipitation Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Boulder	400 PM TO 900 PM	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD
Broomfield	400 PM TO 900 PM	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD
Jefferson	400 PM TO 900 PM	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD
Adams	300 PM TO 900 PM	0.1" (90%) to 0.3" (60%) to 0.8" (20%)	MOD
Denver	300 PM TO 900 PM	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD
Arapahoe	Current TO 900 PM SAT	0.1" (100%) to 0.3" (80%) to 0.8" (40%)	ISSUED
Douglas	Current TO 900 PM SAT	0.1" (100%) to 0.3" (75%) to 0.8" (30%)	ISSUED
Foothills above 6500ft			
Douglas	400 PM TO 900 PM	0.1" (100%) to 0.3" (75%) to 0.8" (25%)	ISSUED
Jefferson	400 PM TO 900 PM	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD
Boulder	Current TO 900 PM SAT	0.1" (80%) to 0.3" (60%) to 0.8" (20%)	MOD

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

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

