



Heavy Precipitation Outlook

Flash Flood Prediction Program

CONTINUED COOL WITH AFTERNOON & EVENING SHOWERS & THUNDERSTORMS

- A plume of subtropical moisture remains draped over Colorado on Sunday, underneath a persistent ridge of high pressure anchored over central Texas. Cloud cover will once again curb afternoon temperatures today, with highs only in the low to mid 80s expected.
- An upper-level disturbance lifts out of New Mexico later today, helping trigger scattered showers and thunderstorms across the forecast area this afternoon and early evening. Strong to severe thunderstorms may focus just E of the District, but moderate to locally-heavy rainfall is likely underneath any stronger storm cells that develop today.
- Today's storms will track to the NE at around 18-23mph, with the best chance for a storm over the District occurring between about 3:00pm-7:00pm. Storm activity is not expected to linger into the evening, due to drier air and subsidence arriving behind the departing disturbance.

STORM RAINFALL POTENTIAL AND DURATION: Weak to moderate showers and thunderstorms will produce rainfall totals between 0.10-0.30" in 10-30 minutes. Strong to severe thunderstorms may produce rainfall between 0.30-1.00" in 10-30 minutes.

WORST CASE SCENARIO: A strong to severe thunderstorm produces rainfall up to 2.50" in 60-90 minutes.

A LOOK AHEAD: High pressure flattens and shifts E on Monday, while westerly flow aloft brings much drier air into Colorado. Temperatures will rebound back to around 90, with just a slight chance for an isolated shower or thunderstorm during the afternoon or evening.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	300 PM TO 700 PM	0.1" (80%) to 0.3" (60%) to 1.0" (20%)	MOD
Arapahoe	300 PM TO 700 PM	0.1" (85%) to 0.3" (65%) to 1.0" (25%)	MOD
Boulder	300 PM TO 700 PM	0.1" (70%) to 0.3" (50%) to 1.0" (15%)	MOD
Broomfield	300 PM TO 700 PM	0.1" (70%) to 0.3" (50%) to 1.0" (15%)	MOD
Denver	300 PM TO 700 PM	0.1" (75%) to 0.3" (55%) to 1.0" (15%)	MOD
Douglas	300 PM TO 700 PM	0.1" (90%) to 0.3" (65%) to 1.0" (25%)	MOD
Jefferson	300 PM TO 700 PM	0.1" (75%) to 0.3" (55%) to 1.0" (15%)	MOD
Foothills above 6500ft			
Boulder	200 PM TO 700 PM	0.1" (80%) to 0.3" (60%) to 1.0" (20%)	MOD
Douglas	200 PM TO 700 PM	0.1" (90%) to 0.3" (65%) to 1.0" (30%)	MOD
Jefferson	200 PM TO 700 PM	0.1" (80%) to 0.3" (60%) to 1.0" (20%)	MOD

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

