



Heavy Precipitation Outlook

Flash Flood Prediction Program

DRIER AIR MOVING ALOFT IN WILL PUSH THUNDERSTORM ACTIVITY SOUTHWARD

- Drier air moving in aloft from the W/NW will push the greatest threat for thunderstorms south of the I-70 corridor today. There will still be a chance for thunderstorms over the District N of I-70 but coverage looks to be isolated at best with many areas likely ending up dry. Widely scattered thunderstorms will be possible over the southern areas of the District favoring the Palmer Divide of Douglas County.
- Although the threat for thunderstorms is much lower today the storms that do manage to develop may become moderate to briefly strong with pockets of brief heavy rainfall. Storm motions will be from W to E at 20-30mph helping to lower point rainfall amounts. Best chances for thunderstorm activity will be between the hours of 2-9pm.
- Temperatures will be a little cooler most areas today with highs in the low to mid 80's over the plains with 70's in the Front Range foothills.

STORM RAINFALL POTENTIAL AND DURATION: Typical rain showers and weak thunderstorms will produce a trace to 0.2". Moderate to possibly strong thunderstorms over southern portions of the District will have the potential to produce 0.3-0.8" in 10-30 minutes.

WORST CASE SCENARIO: A slow moving thunderstorm or large thunderstorm complex may produce up to 1.5" in 60 minutes or less.

A LOOK AHEAD: An upper level disturbance moving through on Sunday will result in an active day with scattered to numerous thunderstorms in the later afternoon and evening. Stronger thunderstorms will have the potential for heavy rainfall as well as severe weather. Temperatures will be cooler in the upper 70's to lower 0's for highs over the plains.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	300 PM TO 900 PM	Trace (35%) to 0.2" (15%) to 0.5" (5%)	NONE
Arapahoe	300 PM TO 900 PM	Trace (65%) to 0.2" (35%) to 0.5" (15%)	LOW
Boulder	300 PM TO 900 PM	Trace (35%) to 0.2" (15%) to 0.5" (5%)	NONE
Broomfield	300 PM TO 900 PM	Trace (35%) to 0.2" (15%) to 0.5" (5%)	NONE
Denver	300 PM TO 900 PM	Trace (60%) to 0.2" (30%) to 0.5" (10%)	LOW
Douglas	230 PM TO 900 PM	Trace (80%) to 0.2" (55%) to 0.5" (20%)	LOW
Jefferson	230 PM TO 900 PM	Trace (65%) to 0.2" (35%) to 0.5" (15%)	LOW
Foothills above 6500ft			
Boulder	200 PM TO 900 PM	Trace (40%) to 0.2" (20%) to 0.5" (5%)	NONE
Douglas	200 PM TO 900 PM	Trace (80%) to 0.2" (60%) to 0.5" (20%)	LOW
Jefferson	200 PM TO 900 PM	Trace (70%) to 0.2" (50%) to 0.5" (15%)	LOW

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

