



# Heavy Precipitation Outlook

## Flash Flood Prediction Program

### WARMING UP AND DRYING OUT OVER THE HOLIDAY WEEKEND

- Ridge of high pressure will strengthen to the SW resulting in warming temperatures over the holiday weekend. Temperatures this afternoon will top out in the upper 80's to lower 90's over the plains.
- Drier air will be moving in aloft from the NW today but enough surface moisture will remain to produce a few isolated thunderstorms this afternoon and early evening. Thunderstorms will favor the foothills and Palmer Divide with many areas on the plains likely ending up on the dry side today.
- Best chances for thunderstorms will be between noon and 8pm over the foothills and 2-8pm over the plains. Storms that develop today will be relatively fast moving from NW to SE at 20-25mph. Most storms will produce only light rainfall but a stronger storm may produce moderate to briefly heavy rain.

**STORM RAINFALL POTENTIAL AND DURATION:** Typical showers and thunderstorms will produce a trace to 0.1". A moderate to strong thunderstorm will have the potential to produce 0.1-0.4" in 10-30 minutes.

**WORST CASE SCENARIO:** Moisture levels remain elevated over the plains resulting in a strong thunderstorm with the potential to produce heavy rainfall of 0.3-0.8" in 10-30 minutes.

**A LOOK AHEAD:** Record breaking heat is expected on Sunday and Monday with highs well into the 90's to around 100 degrees over the plains. Conditions will be dry over the District with plenty of late summer sunshine.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
<b>Plains</b>			
Adams	200 PM TO 800 PM	Trace (30%) to 0.1" (20%) to 0.4" (10%)	NONE
Arapahoe	200 PM TO 800 PM	Trace (30%) to 0.1" (20%) to 0.4" (10%)	NONE
Broomfield	200 PM TO 800 PM	Trace (30%) to 0.1" (20%) to 0.4" (10%)	NONE
Denver	200 PM TO 800 PM	Trace (30%) to 0.1" (20%) to 0.4" (10%)	NONE
Boulder	100 PM TO 800 PM	Trace (40%) to 0.1" (20%) to 0.4" (10%)	NONE
Douglas	100 PM TO 800 PM	Trace (40%) to 0.1" (20%) to 0.4" (10%)	NONE
Jefferson	100 PM TO 800 PM	Trace (40%) to 0.1" (20%) to 0.4" (10%)	NONE
<b>Foothills above 6500ft</b>			
Boulder	1200 PM TO 800 PM	Trace (50%) to 0.1" (30%) to 0.4" (10%)	NONE
Douglas	1200 PM TO 800 PM	Trace (50%) to 0.1" (30%) to 0.4" (10%)	NONE
Jefferson	1200 PM TO 800 PM	Trace (50%) to 0.1" (30%) to 0.4" (10%)	NONE

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

