



Heavy Precipitation Outlook

Flash Flood Prediction Program

WIDESPREAD RAIN SHOWERS AND THUNDERSTORMS THIS AFTERNOON WITH HEAVY RAINFALL POSSIBLE

- Moisture continues to remain abundant in northeastern Colorado with widespread to numerous rain showers and thunderstorms possible this afternoon. Upper level winds are light resulting in slow moving storms with potential to produce areas of heavy rainfall and flooding. Highs will be around normal for this time of year with temperatures in the middle 80's.
- Showers and thunderstorms will first develop over the higher terrain of Boulder, Jefferson and Douglas Counties by around 1:00 pm. Once these storms become established they will slowly move northeastward or outflow from these storms will produce additional development over the plains. There is a chance for severe weather today with the largest threat being large hail.
- Thunderstorm activity will diminish around sunset with a minor chance for isolated rain showers into the overnight.

STORM RAINFALL POTENTIAL AND DURATION: Widespread to numerous showers and thunderstorms will typically produce between 0.10-0.60" of light to moderate rainfall in 10-30 minutes. Strong or even severe storms will have the potential to produce between 0.60-1.60" of rain in 10-30 minutes resulting in a high flooding potential.

WORST CASE SCENARIO: Thunderstorm training occurs with more than one strong storm passing over a single location with the potential to produce up to 2.0" of rainfall in one hour or less.

A LOOK AHEAD: Another good chance for widespread thunderstorms on Friday with the threat for heavy rainfall and possible severe weather.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	200 PM TO 800 PM	0.1" (60%) to 0.6" (40%) to 1.6" (20%)	HIGH
Arapahoe	200 PM TO 800 PM	0.1" (60%) to 0.6" (40%) to 1.6" (20%)	HIGH
Boulder	200 PM TO 800 PM	0.1" (65%) to 0.6" (45%) to 1.6" (20%)	HIGH
Broomfield	200 PM TO 800 PM	0.1" (60%) to 0.6" (40%) to 1.6" (20%)	HIGH
Denver	200 PM TO 800 PM	0.1" (60%) to 0.6" (40%) to 1.6" (20%)	HIGH
Douglas	200 PM TO 800 PM	0.1" (65%) to 0.6" (45%) to 1.6" (20%)	HIGH
Jefferson	200 PM TO 800 PM	0.1" (65%) to 0.6" (45%) to 1.6" (20%)	HIGH
Foothills above 6500ft			
Boulder	100 PM TO 730 PM	0.1" (70%) to 0.6" (50%) to 1.6" (20%)	HIGH
Douglas	100 PM TO 730 PM	0.1" (70%) to 0.6" (50%) to 1.6" (20%)	HIGH
Jefferson	100 PM TO 730 PM	0.1" (70%) to 0.6" (50%) to 1.6" (20%)	HIGH

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

UDFCD Flood Prediction Center: 303-458-0789 (voice) 303-458-5309 (fax) Website: <http://f2p2.udfcd.org>

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