



Heavy Precipitation Outlook

Flash Flood Prediction Program

ELEVATED FLOOD RISK DUE TO WIDESPREAD THUNDERSTORMS WITH HEAVY RAINFALL

- Monsoon moisture moving overhead in tandem with an upper level disturbance this afternoon will result in widespread to numerous rain showers today with heavy rainfall likely that could result in excessive runoff and flash flooding. Temperatures will be a bit cooler today due to increased cloud cover with highs in the mid 80's to around 90 over the plains.
- Rain shower and thunderstorm activity will initially develop by around noon or shortly after with multiple waves of precipitation passing through into the late evening. Strong thunderstorms will be very capable of producing heavy rainfall with slower moving large thunderstorm clusters and training of thunderstorm cells potentially producing extended periods of heavy rain.
- Showers and thunderstorms will move from WSW to ENE at around 15mph. Stronger storms may move more slowly or erratically at times. Best chances for moderate to heavy precipitation will be through midnight. Message 1's will be issued by around noon.

STORM RAINFALL POTENTIAL AND DURATION: Weak to moderate thunderstorms will produce 0.1-0.6" in 10-30 minutes. Strong thunderstorms will produce 0.6-1.8" in 10-30 minutes.

WORST CASE SCENARIO: A slower moving large thunderstorm complex or training of strong thunderstorm cells may produce up to 3.2" in 60-90 minutes.

A LOOK AHEAD: A decrease in thunderstorm activity is expected on Friday but ample moisture will remain resulting the storms that do develop having the potential to produce heavy rainfall. Temperatures will warm a bit with highs in the upper 80's to lower 90's on the plains.

Location	Prime Time	30-Minute Rainfall and % Probability	Message Potential
Plains			
Adams	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Arapahoe	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Boulder	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Broomfield	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Denver	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Douglas	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Jefferson	100 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (25%)	HIGH
Foothills above 6500ft			
Boulder	1200 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (20%)	HIGH
Douglas	1200 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (20%)	HIGH
Jefferson	1200 PM TO 1159 PM	Trace (100%) to 0.6" (60%) to 1.8" (20%)	HIGH

MONITOR NATIONAL WEATHER SERVICE FOR SEVERE WEATHER STATEMENTS.

